

# NeoRea

## Reactive Digital Inks



For industrial ink jet printing on  
cellulosic fibers & silk - Classical  
9 color printing configuration

### PRODUCT DESCRIPTION

- Suitable for cellulosic fibers & silk
- Easy washing-off process & no staining of the white ground
- NeoRea ink range offers higher color density compared to competitors
- Specially formulated to provide extended run-ability with minimal maintenance and maximum productivity
- NeoRea NR7 is specially formulated for high speed ink jet printing, chemically compatible and fully tested with Kyocera print heads
- NeoRea NR5 is a low viscosity ink formulated for Epson DXseries
- NeoRea complies with Oekotex-Standard100, GOTS, Inditex Clear to Wear & REACH

### NEOCOAT NC - FABRIC PREPARATION

Through our significant expertise in textiles, Swiss Performance Chemicals developed specific fabric preparation to enhance color vibrancy and intensity on Silk, Viscose & Cotton.

Using NeoCoat NC fabric preparation gives up to 10% higher color yield, leading to ink cost savings & higher quality

The goods are prepared by padding with :

120 – 200 g/l	Urea **
100 – 200 g/l	NeoPad CCI
30 – 45 g/l	Soda Ash
40 g/l	NeoPad ST
10 g/l	NeoPad 36

Pick-up 70–80%

Drying 2min @ 120-140°C

\*\*Urea: 120g/l for Cotton & 200g/l for Viscose

### FIXATION CONDITIONS

- Cotton / Viscose  
Steam at 102 °C/216 °F for 7–10 min
- Silk  
Steam at 102 °C/216 °F for 12 min

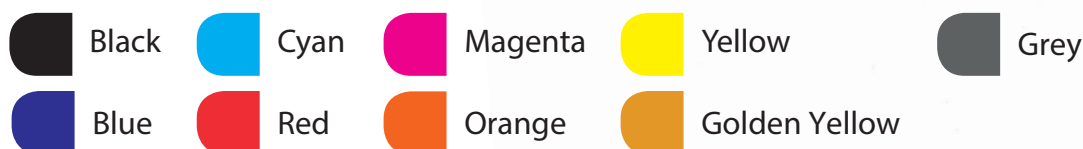
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### WASHING-OFF PROCESS

- Cotton / Viscose
  - Rinse 5 min with cold water
  - Soap for 5 min at 98 °C/210 °F
  - Rinse for 5 min with boiling water
  - Rinse at cold/warm
- Silk
  - Rinse 5 min with cold water
  - Soap for 5 min at 98 °C/210 °F
  - Soap for 5 min at 98 °C/210 °F
  - Rinse at cold/warm

### AVAILABLE COLORS



### FASTNESS PROPERTIES ON COTTON

	Light	Washing			Water			Perspiration						Chlorinated water
	ISO 105-B02 Xenon lamp	ISO 105-C06 @ 50 °C			ISO 105-E01			ISO 105-E04 Acid			ISO 105-E04 Alkali			ISO 105-E03 50 mg/l
NeoRea NR5/NR7	Ch	Ch	WO	CO	Ch	WO	CO	Ch	WO	CO	Ch	WO	CO	Ch
Cyan	6	4-5	4-5	4-5	5	4	4-5	5	4-5	5	5	5	4-5	3-4
Magenta	3-4	4-5	5	4-5	5	4-5	4-5	4-5	4-5	4-5	5	4	4-5	3-4
Yellow	5-6	5	4-5	4-5	5	5	5	5	4-5	5	5	4-5	5	4-5
Black	5-6	4-5	4-5	5	5	5	4-5	5	4	4-5	4-5	4-5	5	4
Blue	5-6	5	5	5	5	5	5	5	5	5	5	5	5	3
Orange	3	4-5	4-5	4-5	5	4-5	5	5	4-5	4-5	5	4-5	4-5	4
Red	3-4	5	4-5	5	5	5	4-5	5	4-5	5	4	4-5	5	3-4
Golden Yellow	5	5	4-5	5	5	4-5	5	4-5	4-5	5	4-5	4-5	5	4
Grey	6	5	4-5	4-5	5	4	5	5	4-5	5	5	5	5	4